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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number Of Pages In This Submission

22 + 162
Refs.

Application Number

10/085,117

Filing Date

February 27, 2002

First Named Inventor

David W. MORRIS

Group Art Unit

1645

Examiner Name

To Be Assigned

Attorney Docket No.

529452000121

ENCLOSURES (check all that apply)☐ Fee Transmittal Form☐ Fee Attached☐ Amendment / Reply☐ After Final☐ Affidavits/declarations☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure Statement (3
pages)☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/
Incomplete Application☐ Response to Missing Parts
under 37 CFR 1.52 or 1.53☐ Assignment Papers
(for an Application)☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a
Provisional Application☐ Power of Attorney, Revocation
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Appeals and Interferences☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s) (please identify
below):

1. Form PTO-1449 (9 pages in duplicate)
2. 162 cited references
3. Return receipt postcard

Remarks

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

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Individual Name

Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, California 94304-1018

Shantanu Basu, Reg. No. 43,318

Signature

Date

April 15, 2003

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1645

PATENT
Docket No. 529452000121

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Martina Placid
Martina Placid

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

David W. MORRIS and Eric K.
ENGELHARD

Serial No.: 10/085,117

Filing Date: February 27, 2002

For: NOVEL COMPOSITIONS AND
METHODS FOR CANCER

Examiner: To Be Assigned

Group Art Unit: 1645

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**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 AND § 1.98**

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for

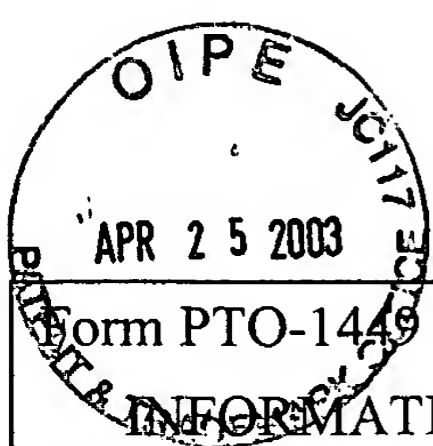
any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 529452000121. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: April 15, 2003

Respectfully submitted,

By: 
Shantanu Basu
Registration No. 43,318

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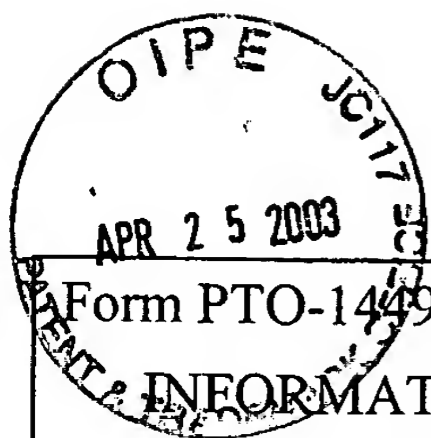
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number 529452000121	Application Number 10/085,117
	Applicant David W. MORRIS and Eric K. ENGELHARD	
	Filing Date February 27, 2002	Group Art Unit 1645
	Mailing Date April 15, 2003	

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	12/18/1979	4,179,337	Davis et al.			
	2.	11/17/1981	4,301,144	Iwashita et al.			
	3.	09/04/1984	4,469,863	Ts'o et al.			
	4.	01/29/1985	4,496,689	Mitra			
	5.	02/03/1987	4,640,835	Shimizu et al.			
	6.	06/02/1987	4,670,417	Iwasaki et al.			
	7.	12/13/1988	4,791,192	Nakagawa et al.			
	8.	03/28/1989	4,816,567	Cabilly et al.			
	9.	07/23/1991	5,034,506	Summerton et al.			
	10.	06/23/1992	5,124,246	Urdea et al.			
	11.	06/01/1993	5,216,141	Benner			
	12.	08/10/1993	5,235,033	Summerton et al.			
	13.	10/25/1994	5,359,100	Urdea et al.			
	14.	01/31/1995	5,386,023	Sanghvi et al.			
	15.	08/29/1995	5,445,934	Fodor et al.			
	16.	08/13/1996	5,545,730	Urdea et al.			
	17.	08/13/1996	5,545,806	Lonberg et al.			
	18.	08/13/1996	5,545,807	Surani et al.			
	19.	10/29/1996	5,569,825	Lonberg et al.			
	20.	11/05/1996	5,571,670	Urdea et al.			
	21.	12/03/1996	5,580,731	Chang et al.			
	22.	01/07/1997	5,591,584	Chang et al.			
	23.	01/14/1997	5,594,117	Urdea et al.			
	24.	01/14/1997	5,594,118	Urdea et al.			
	25.	01/28/1997	5,597,909	Urdea et al.			
	26.	02/11/1997	5,602,240	De Mesmaecker et al.			

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number 529452000121	Application Number 10/085,117
	Applicant David W. MORRIS and Eric K. ENGELHARD	
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	27.	04/29/1997	5,624,802	Urdea et al.			
	28.	04/29/1997	5,625,126	Lonberg et al.			
	29.	05/27/1997	5,633,425	Lonberg et al.			
	30.	06/03/1997	5,635,352	Urdea et al.			
	31.	06/10/1997	5,637,684	Cook et al.			
	32.	07/01/1997	5,644,048	Yau			
	33.	08/26/1997	5,661,016	Lonberg et al.			
	34.	10/28/1997	5,681,697	Urdea et al.			
	35.	10/28/1997	5,681,702	Collins et al.			
	36.	12/23/1997	5,700,637	Southern			
	37.	11/28/2000	6,153,441	Appelbaum et al.			

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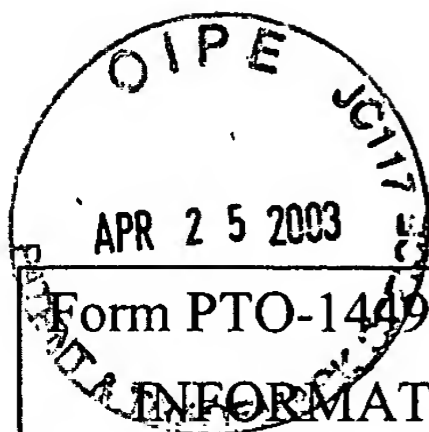
FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO	
	38.	09/11/1987	WO 87/05330	WIPO				
	39.	09/20/1990	WO 90/10448	WIPO				
	40.	04/18/1991	WO 91/04753	WIPO				
	41.	11/11/1993	WO 93/22443	WIPO				
	42.	09/21/1995	WO 95/25116	WIPO				
	43.	12/28/1995	WO 95/35505	WIPO				
	44.	07/31/1997	WO 97/27212	WIPO				
	45.	07/31/1997	WO 97/27213	WIPO				

OTHER DOCUMENTS (including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	46.	Allen, J. D. and Berns, A. (1996). "Complementation Tagging of Cooperating Oncogenes in Knockout Mice," <i>Cancer Biology</i> 7:299-306.
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Applicant

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Group Art Unit 1645

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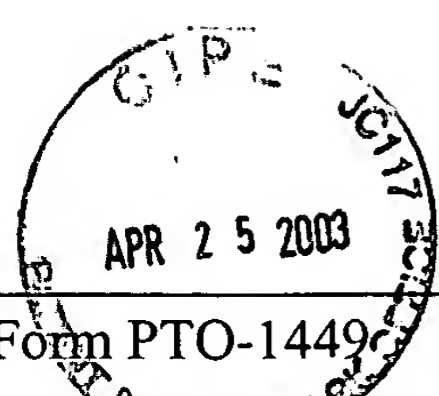
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INFORMATION DISCLOSURE CITATION
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Docket Number 529452000121

Application Number 10/085,117

Applicant

David W. MORRIS and Eric K. ENGELHART

Filing Date February 27, 2002

Group Art Unit 1645

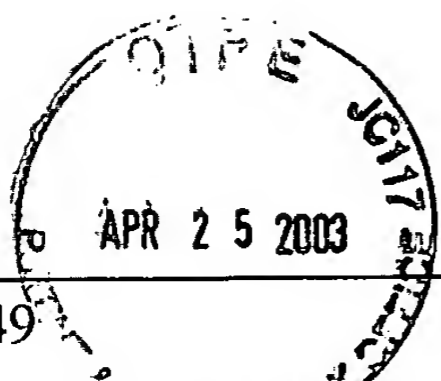
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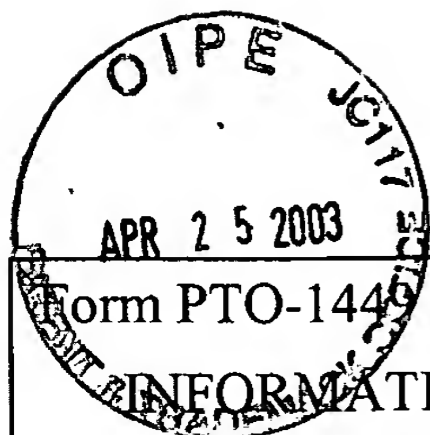
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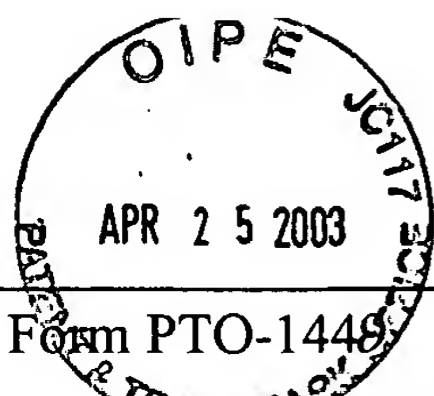


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99. /	Lee, S. Wong et al. (1999). "Cloning of Mouse Sepiapterin Reductase Gene and Characterization of its Promoter Region," <i>Biochimica and Biophysica Acta</i> 1445(1):165-171.
100. /	Letsinger, R. L. et al. (1986). "Effects of Pendant Group at Phosphorus on Binding Properties of d-ApA Analogues," <i>Nucl. Acids. Res</i> 14:3487-3499.
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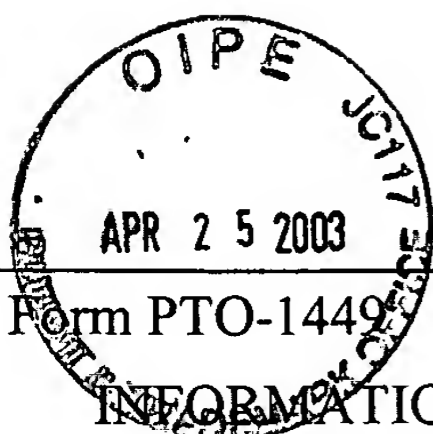
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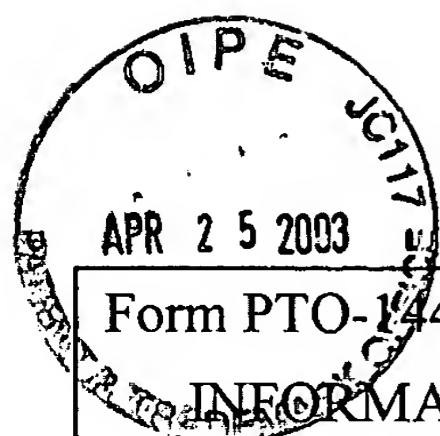
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